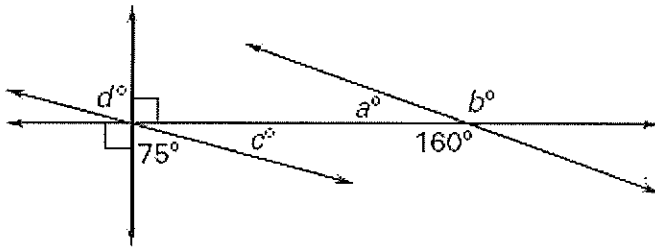


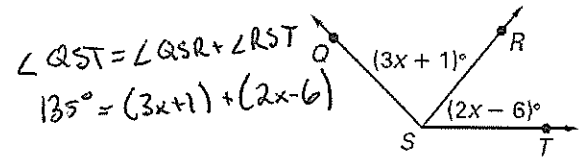
Name: _____ TP: _____

Form A

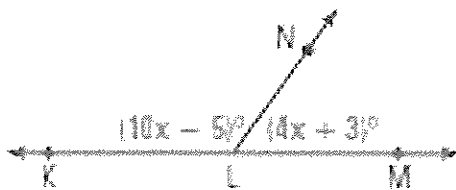
1. Use the diagram below to find the measure of a° , b° , c° and d° .



2. Given $m\angle QST = 135^\circ$, find $m\angle QSR$.

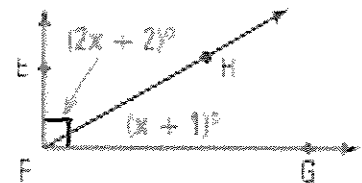


3. Find $\angle KLN$ and $\angle MLN$.



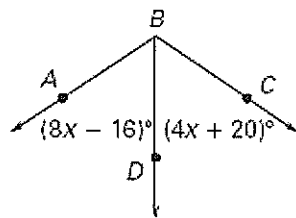
4. Find $\angle EFH$ and $\angle HFG$.

$\angle EFA = (2x + 2)^\circ$
 $\angle HFG = (x + 1)^\circ$

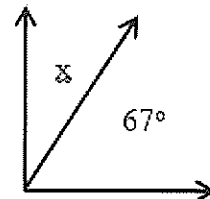


5. BD bisects $\angle ABC$. Find $m\angle ABC$.

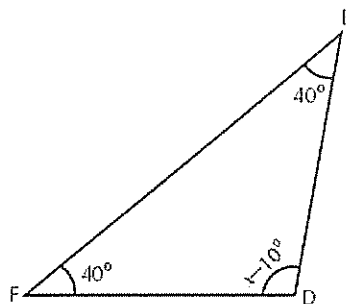
\hookrightarrow Makes $\angle ABD \cong \angle CBD$
 $8x - 16 = 4x + 20$



6. If $m\angle A = 90^\circ$ find x .

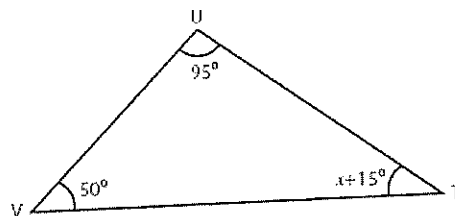


7. Solve for x and the angle below.



$x = \underline{\hspace{2cm}}$; $\angle D = \underline{\hspace{2cm}}$

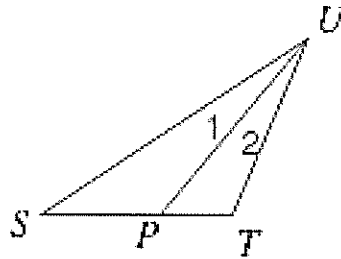
8. Solve for x and the angle below.



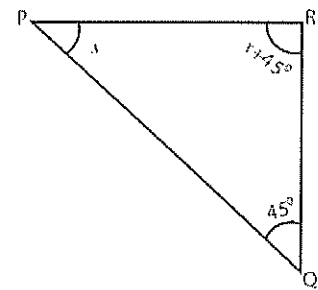
$x = \underline{\hspace{2cm}}$; $\angle T = \underline{\hspace{2cm}}$

Sum of angles in triangle = 180°

9. In the triangle below $\angle SUT$ is bisected by line segment UP . Find the measure of $\angle SUP$ if $\angle STU$ is 105 degrees and $\angle TSU$ is 35 degrees.



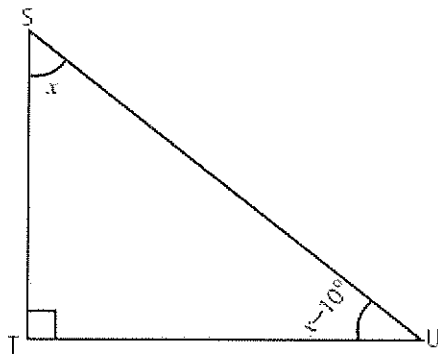
10. Solve for x and the angle below.



$x = \underline{\hspace{2cm}}$

$\angle P = \underline{\hspace{2cm}} ; \angle R = \underline{\hspace{2cm}}$

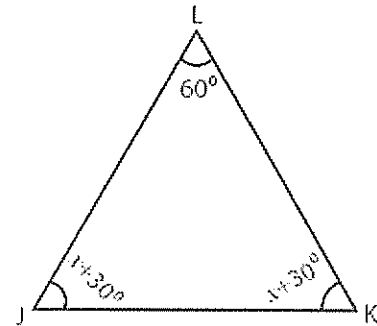
11. Solve for x and the angle below.



$x = \underline{\hspace{2cm}}$

$\angle S = \underline{\hspace{2cm}} ; \angle U = \underline{\hspace{2cm}}$

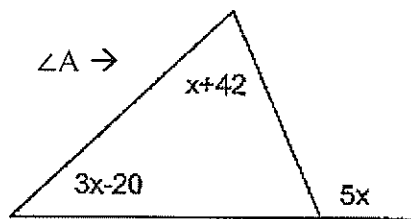
12. Solve for x and the angle below.



$x = \underline{\hspace{2cm}}$

$\angle J = \underline{\hspace{2cm}} ; \angle K = \underline{\hspace{2cm}}$

13. Find the value of x and the measure of $\angle A$



14. Find the value of x and y

